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FIG.1

Step A

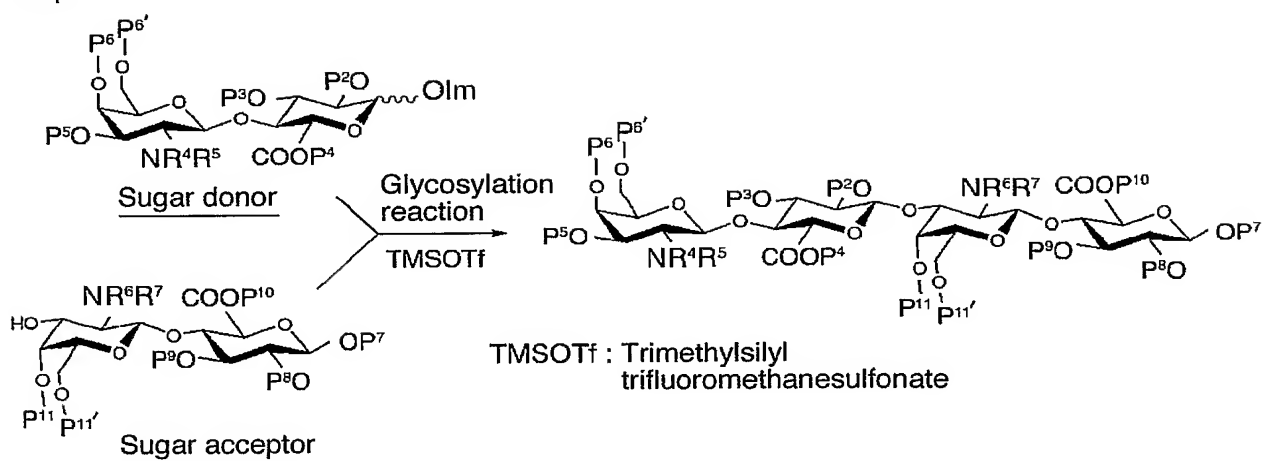
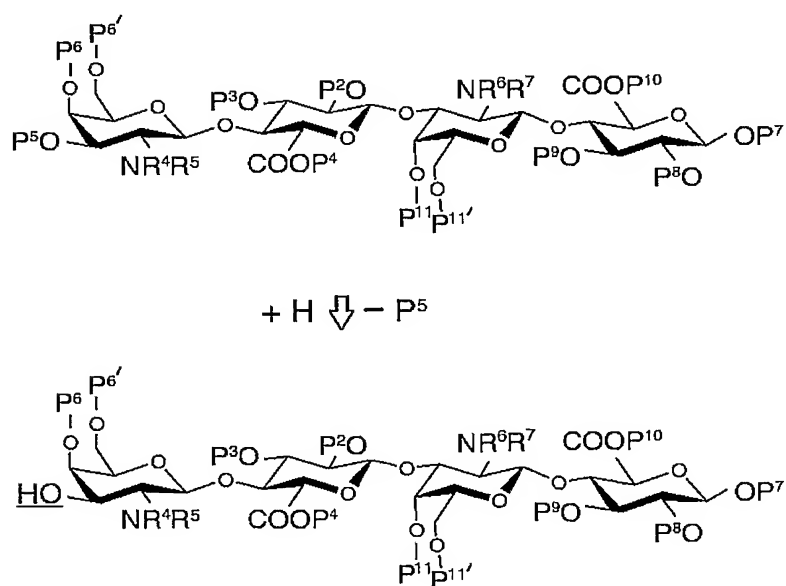


FIG.2

Step B



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FIG.3

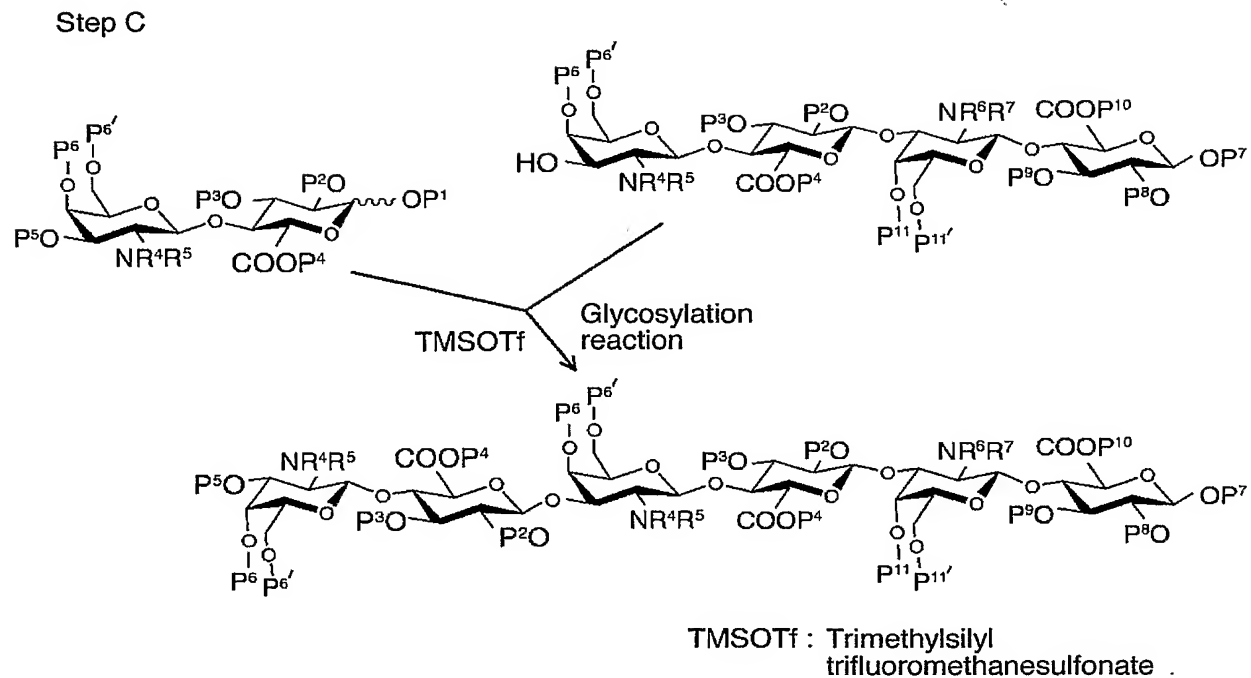
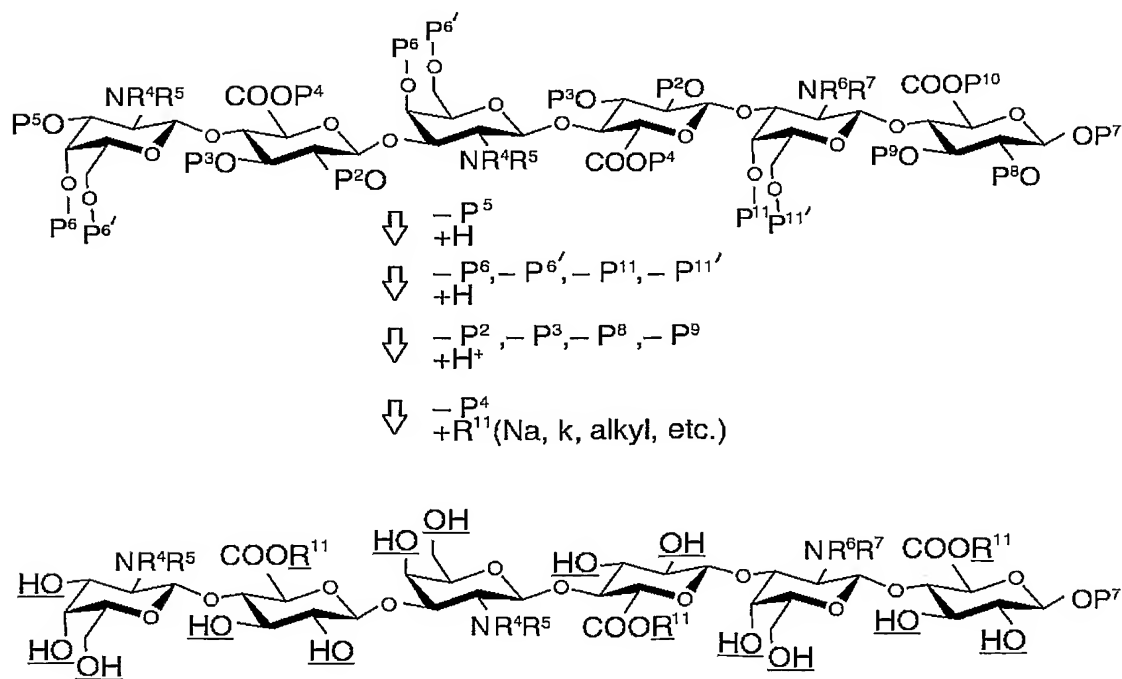
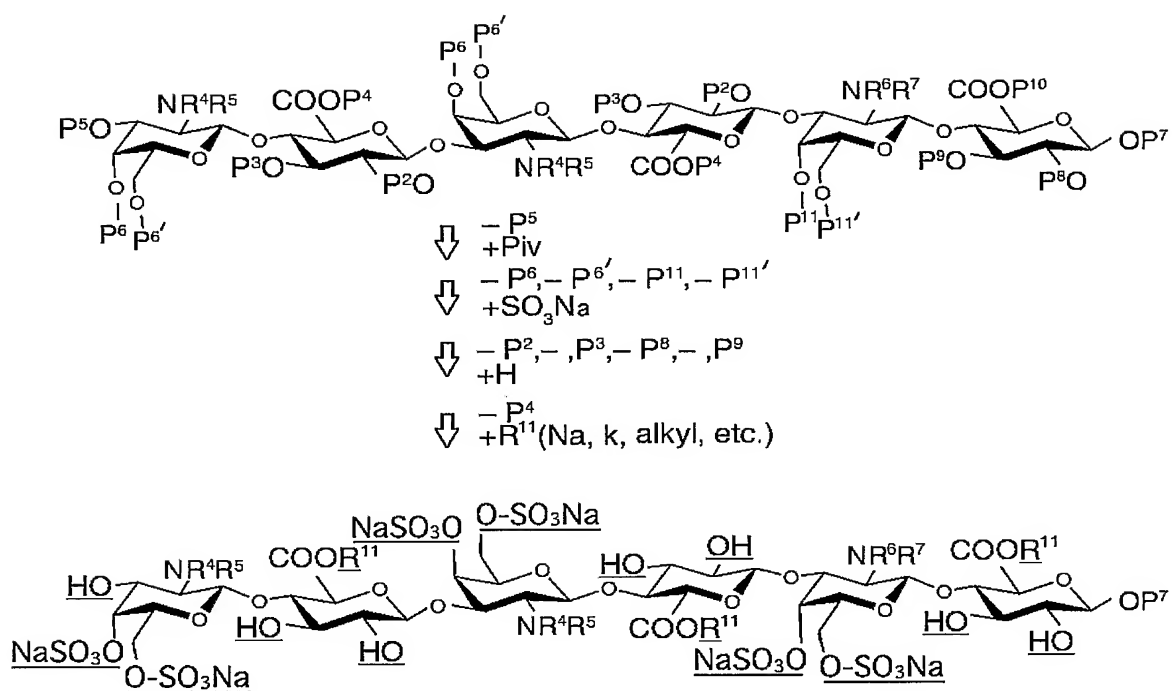


FIG.4



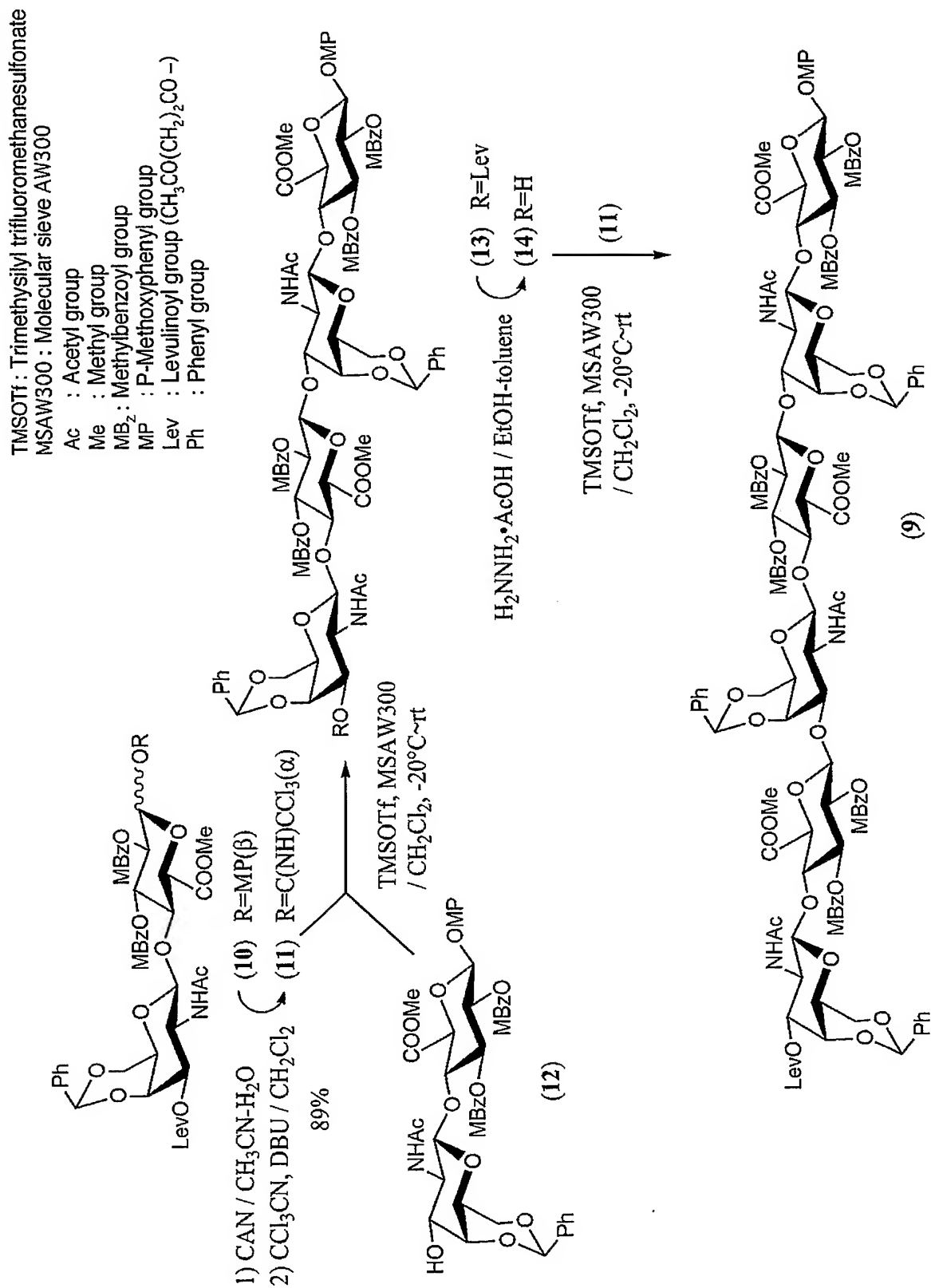
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FIG.5



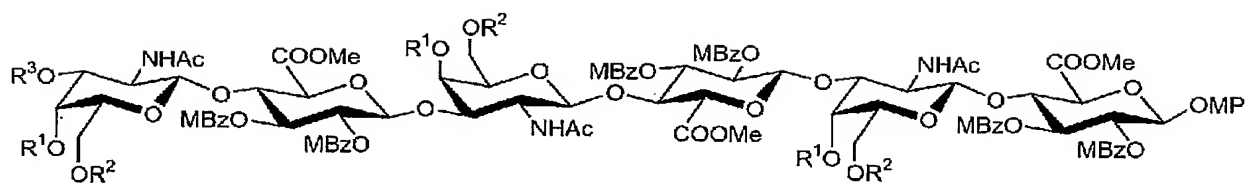
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FIG.6-1



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FIG.6-2



(9)  $R^1, R^2 = >CHPh, R^3 = Lev$

(15)  $R^1, R^2 = >CHPh, R^3 = H$

(16)  $R^1, R^2 = >CHPh, R^3 = Piv$

(17)  $R^1 = R^2 = R^3 = H$

(18)  $R^1 = R^2 = H, R^3 = Piv$

(19)  $R^1 = R^2 = SO_3Na, R^3 = Piv$

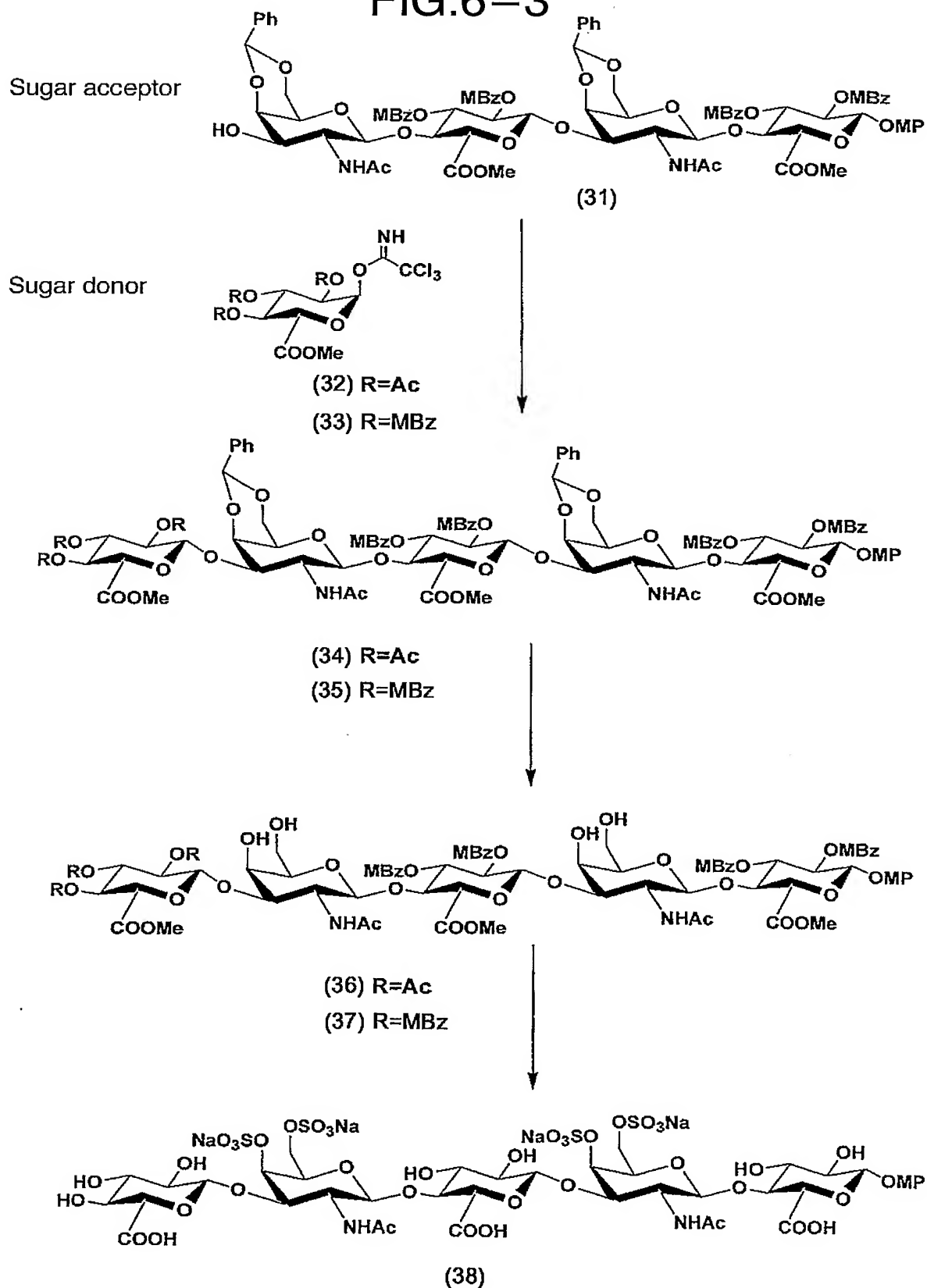
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Ac : Acetyl group  
 Me : Methyl group  
 MBz : Methylbenzoyl group  
 MP : P-Methoxyphenyl group  
 Lev : Levulinoyl group ( $CH_3CO(CH_2)_2CO-$ )  
 Piv : Pivaloyl group ( $(CH_3)_3(CO-)$ )  
 Ph : Phenyl group

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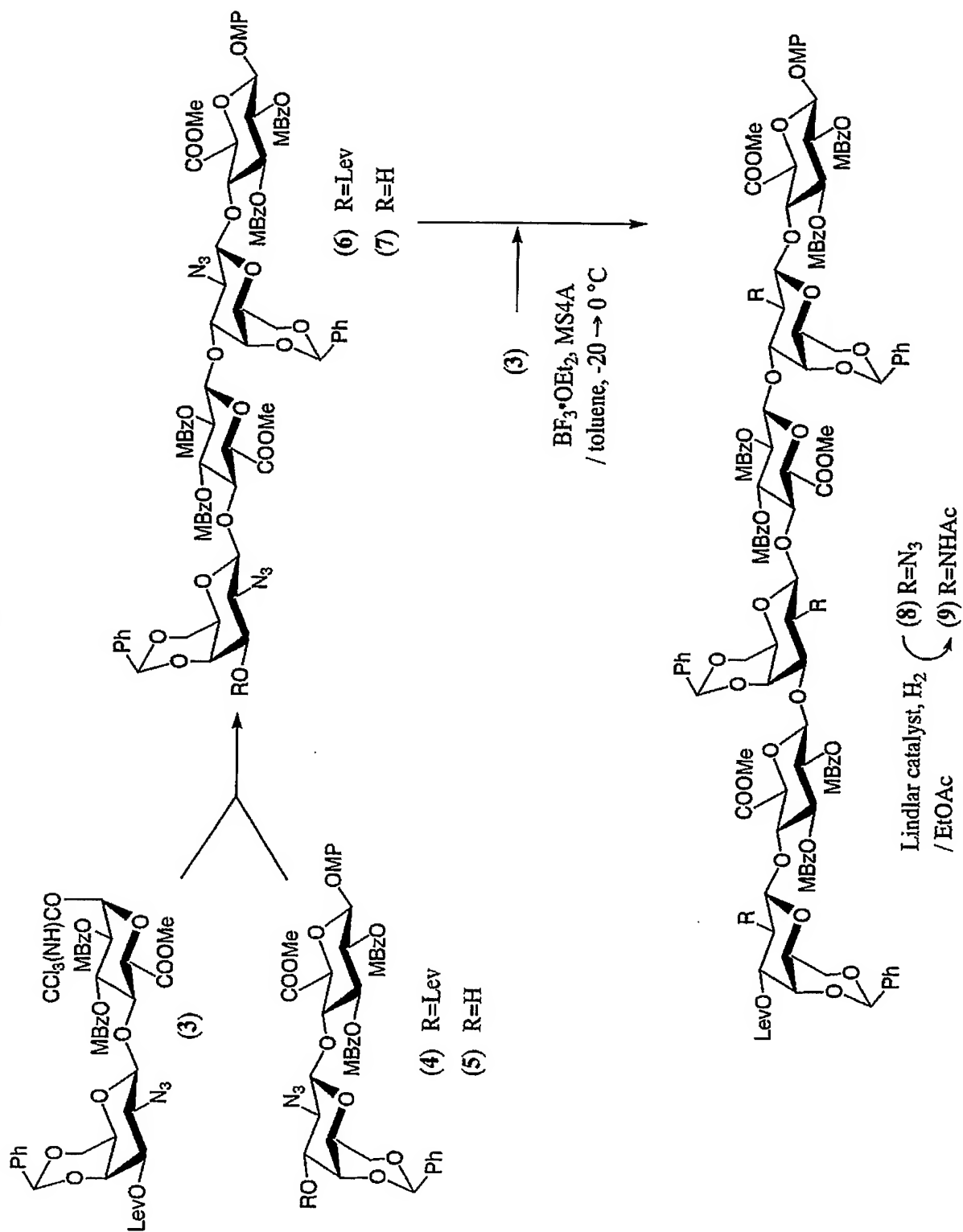
## FIG.6-3



Abbreviations: Me, CH<sub>3</sub>-; MBz, *p*-MeC<sub>6</sub>H<sub>4</sub>CO-; MP, *p*-MeOC<sub>6</sub>H<sub>4</sub>-; Ac, CH<sub>3</sub>CO-; Ph, C<sub>6</sub>H<sub>5</sub>-.

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FIG.7



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## FIG.8

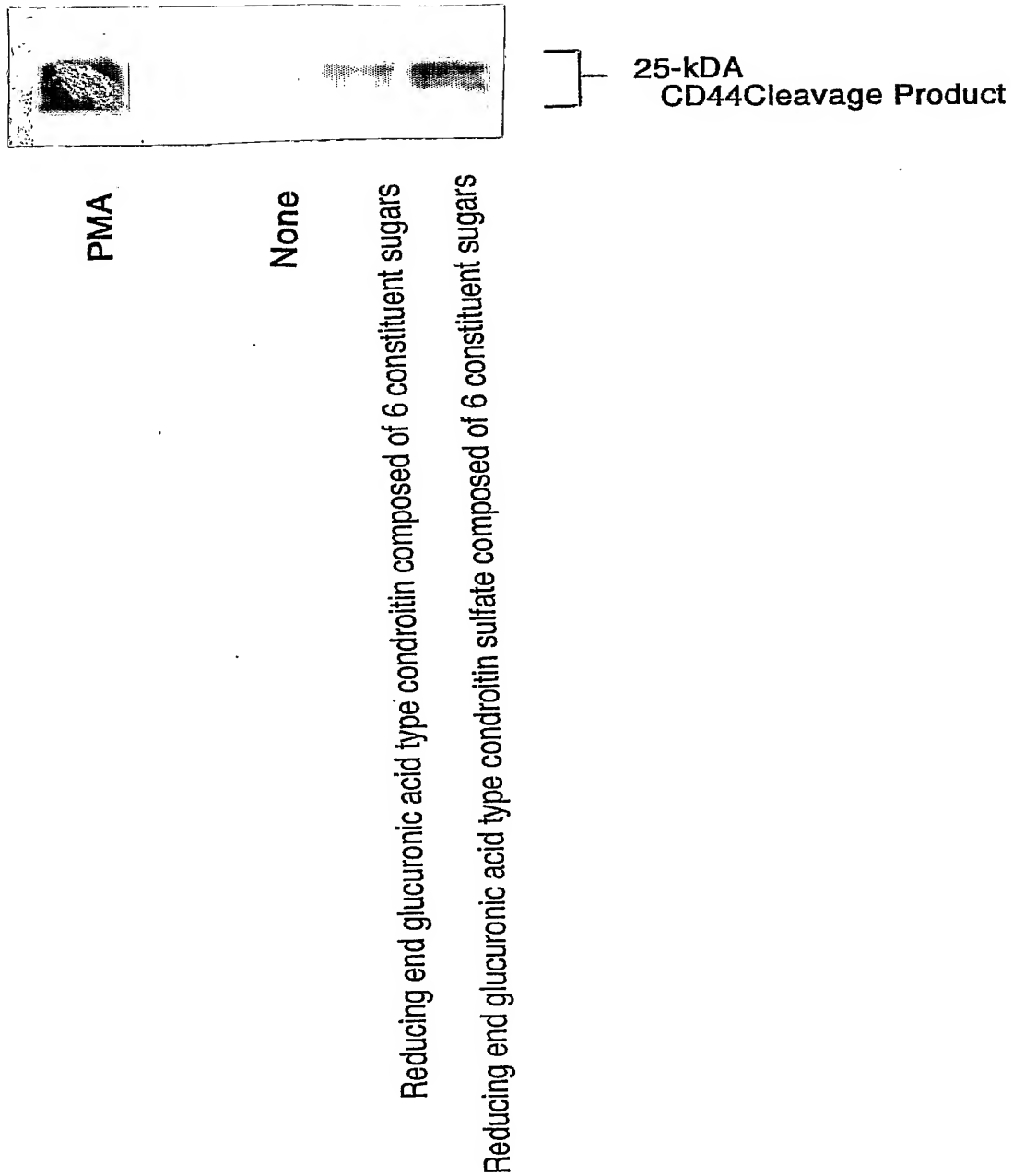
## &lt;Test Method&gt;

- ↓ MIA PaCa-2 (human pancreatic carcinoma cell line) is plated on 24-well plate ( $1 \times 10^5$  / well)
- ↓ Incubation (37°C, overnight)
- ↓ Incubation (37°C, 30min) with 10  $\mu$ M cysteine protease inhibitor (MQ132) added
- ↓
  - Incubation (37°C, 60min) with RCE6 or RC6 added
  - positive control : Incubation (37°C, 30min) with Phorbol myristic acid ester added
  - negative control : Nothing is added
- ↓ Cells are collected after lysated with SDS buffer
- ↓ SDS PAGE
- ↓ Western blotting assay
  - Primary antibody : anti-human cytoplasm CD44 rabbit polyclonal antibody
  - Secondary antibody : horseradish peroxidase conjugated goat anti-rabbit IgG



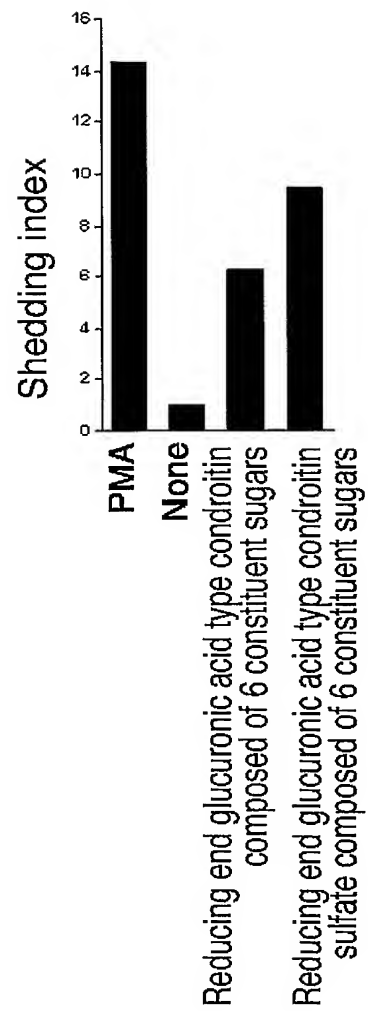
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FIG.9



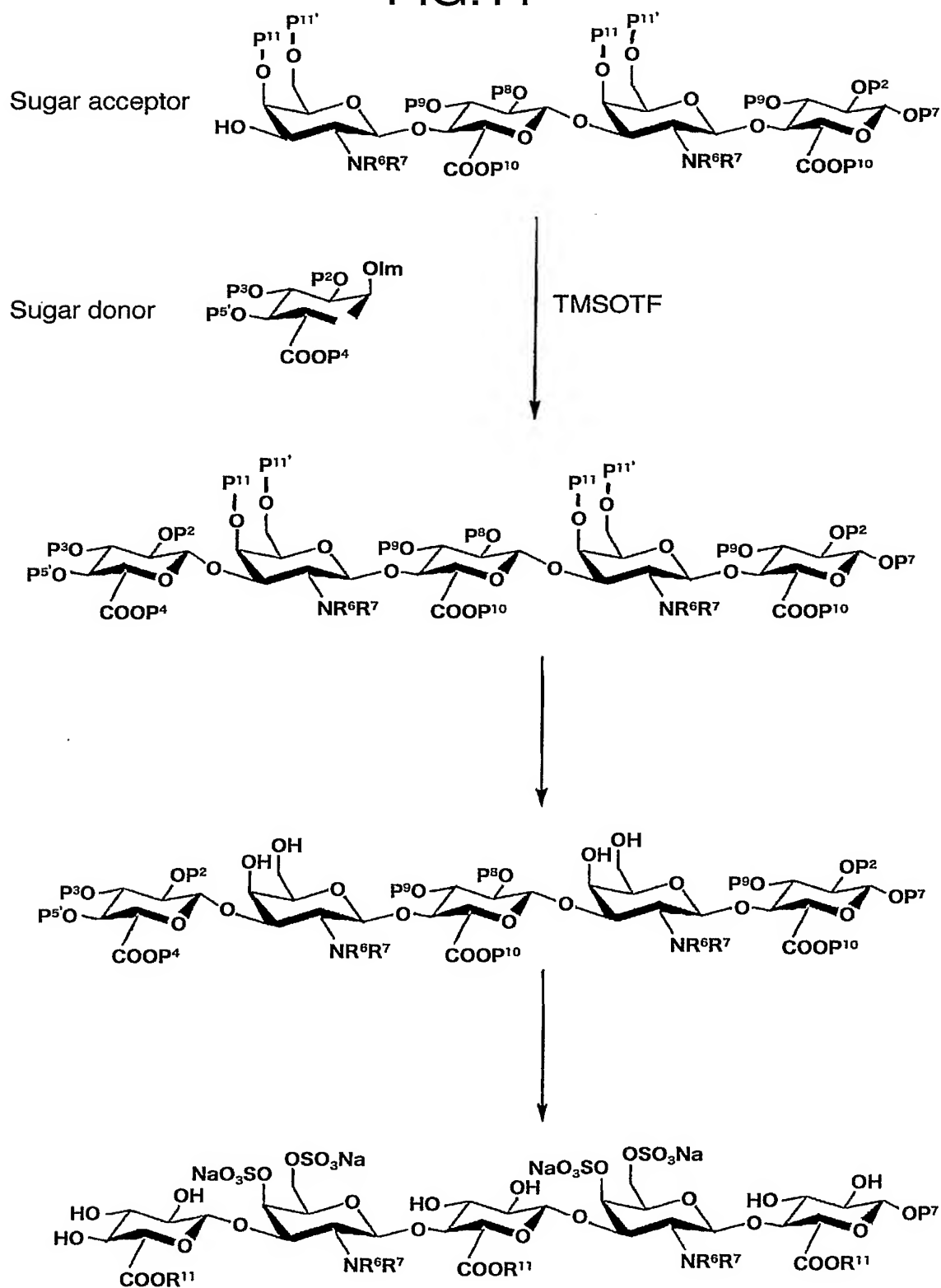
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FIG.10



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FIG.11



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FIG.12

